Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Michael John Mayfield, Francis Patrick O'Connell, and David Scott Ray

Method and Apparatus for Mapping Software Prefetch Instructions to Hardware Prefetch Logic

Assignee: International Business Machines Corporation

Armonk, New York

Enclosed are:

- X Patent Specification and Declaration
- X (3) sheets of drawing(s). (Informal)
- An assignment of the invention to International Business Machines Corporation (includes Recordation Form Cover Sheet).
- A certified copy of a _____ application.
- Information Disclosure Statement, PTO-SB-08 and copies of references.

The filing fee has been calculated as shown below:

| For | Number Filed | Number Extra | Rate | | Fee |
|------------------------------------|-----------------|-----------------|-------|-----------|----------|
| Basic Fee | 11100 | | | | \$740.00 |
| Total Claims | 25 - 20 | 5 | x 18 | = | \$ 90.00 |
| Indep. Claims | 6 - 3 | 3 | x 84 | | \$252.00 |
| MULTIPLE DEPENDENT CLAIM PRESENTED | | | x 280 | | \$ 0.00 |
| WOLTH ED DET ELV | | | Т | TOTAL \$_ | 1,082.00 |

- X Please charge my Deposit Account No. <u>09-0447</u> in the amount of \$<u>1,082.00</u>. A duplicate copy of this sheet is enclosed.
- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.
 - X Any additional filing fees required under 37 CFR 1.16.
 - X Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Robert m. Carwell Registration No. 28, 499 Intellectual Property Law Dept.

IBM Corporation

11400 Burnet Road, Zip 4054

Austin, Texas 78758

Telephone (512) 823- / 0 / 7